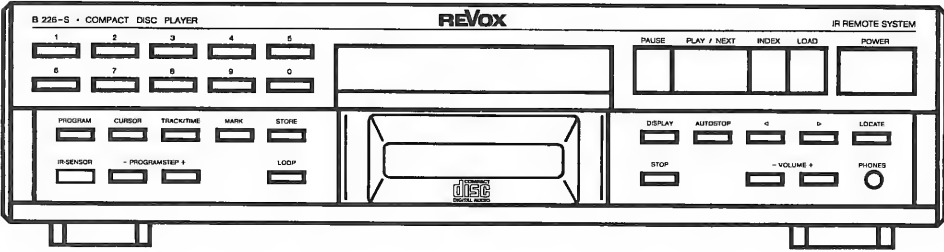


REVOX B226-S

GESAMTSCHALTBILD  
COMPLETE CIRCUIT DIAGRAM  
SCHÉMA GÉNÉRAL



Handling MOS components

MOS components are extremely sensitive to static charges. Please observe therefore the following regulations:

1.Components sensitive to static charges are stored and shipped in protective package. On the packages you find the subsequent symbol.

2.Avoid any contact of connector pins with foam packages and foils made of styro-por or similar chargeable package material.

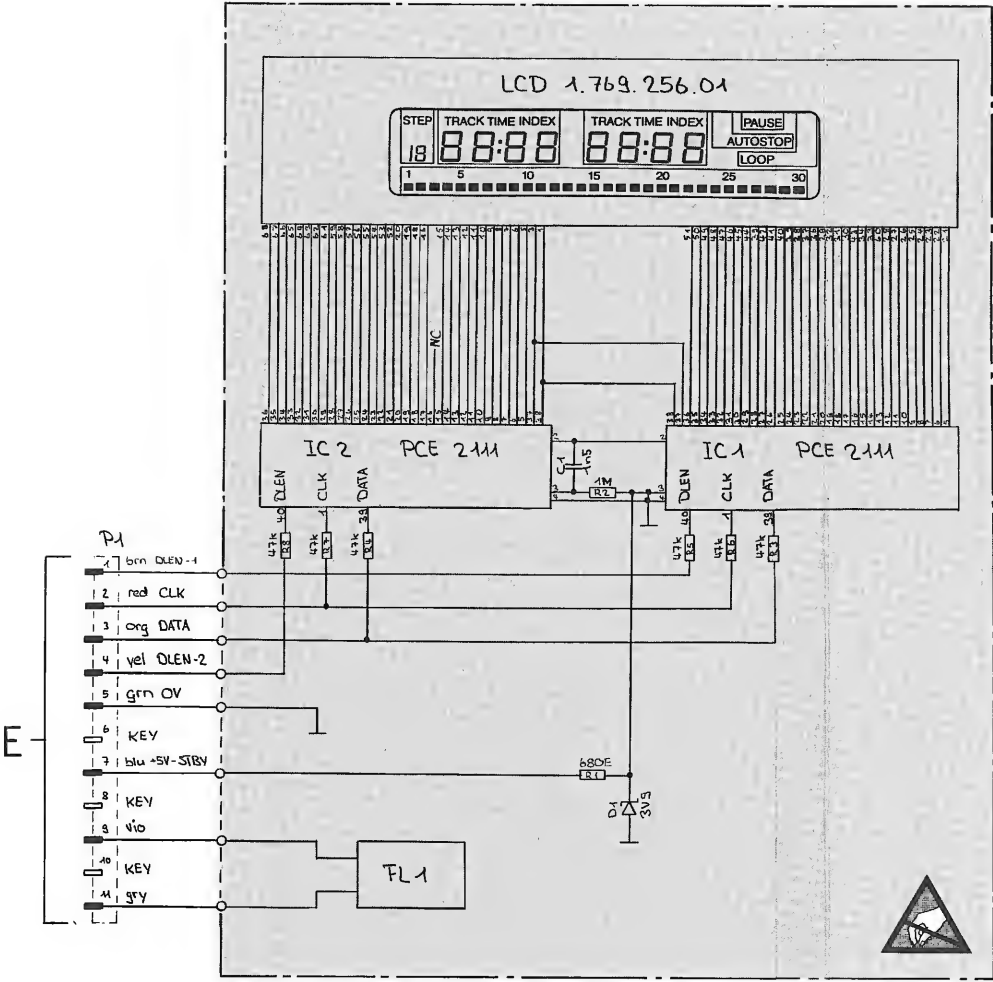
3.Don't touch the connector pins when your wrist is not grounded with a conducting wristlet.

4.Use a grounded conducting mat when working with sensitive components.

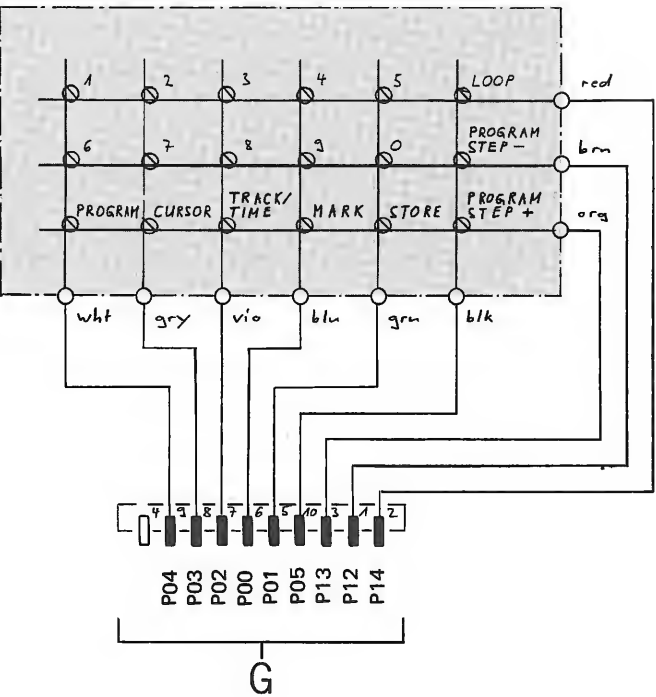
5.Never plug or unplug PCBs containing sensitive components when the machine is switched on.

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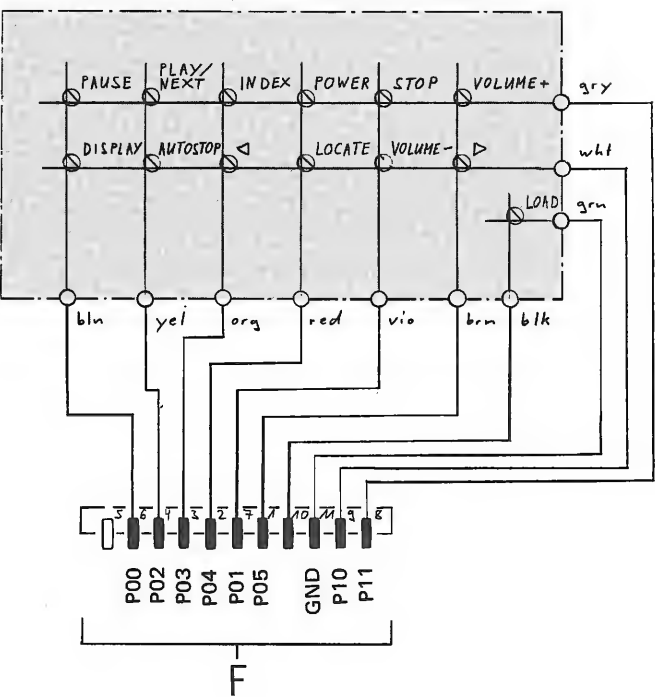
LCD BOARD 1.769.455.00



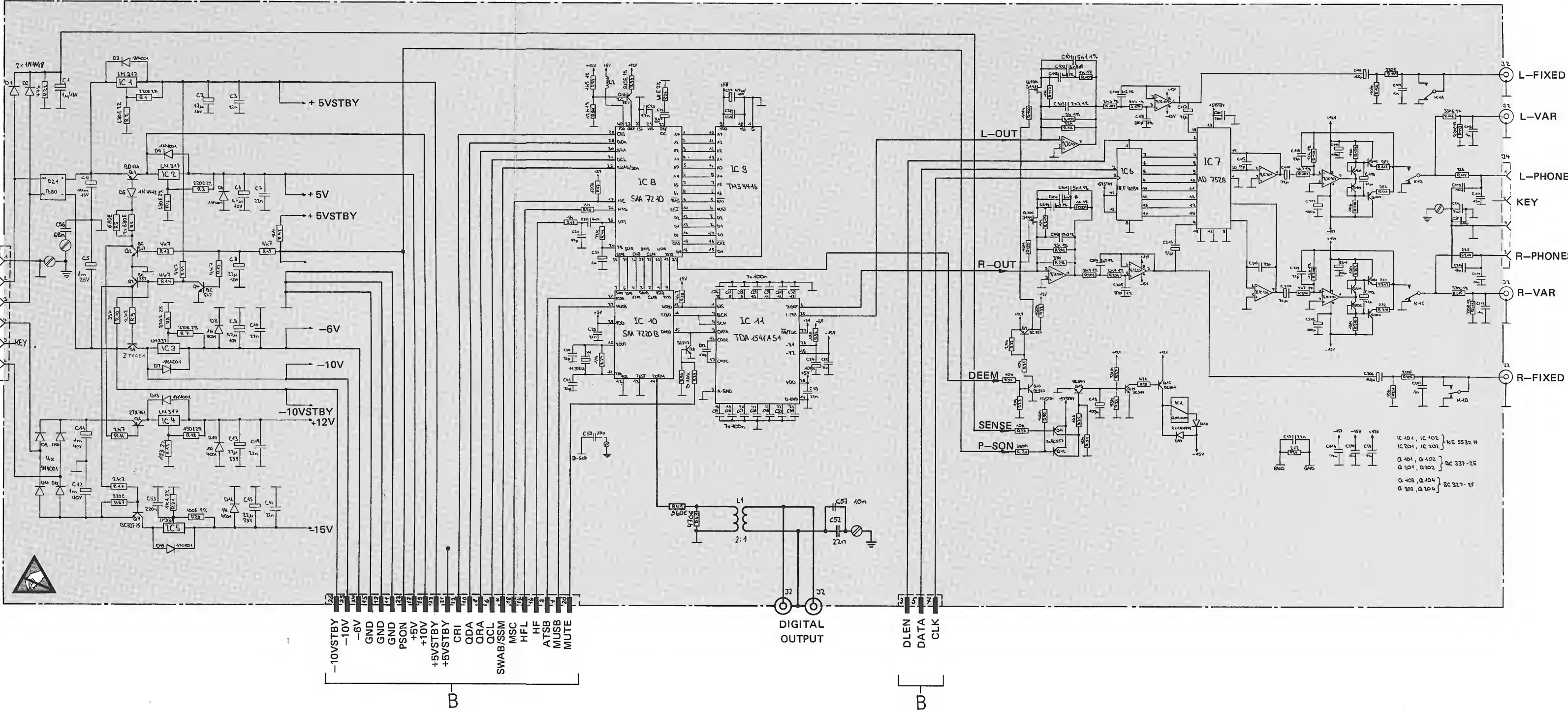
KEYBOARD LEFT 1.769.215.00



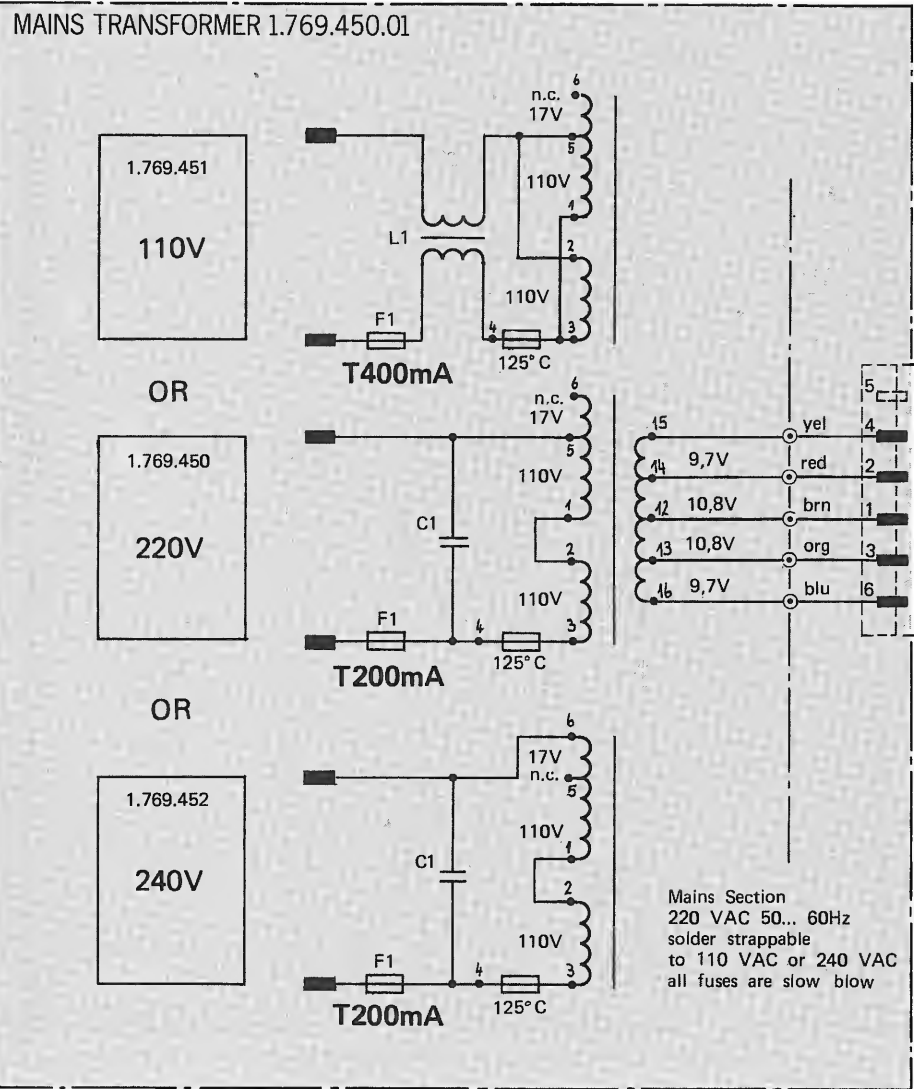
KEYBOARD RIGHT 1.769.202.00



DECODER BOARD 1.769.422.00



MAINS SECTION 1.769.450.00 220V





The schematic diagram illustrates a four-quadrant motor driver circuit. It is powered by a +8V supply and a -8V supply, both derived from a 02-4 input through resistors and capacitors. The circuit consists of two H-bridges, one for positive torque (top) and one for negative torque (bottom). Each H-bridge is built around an S2 Hall IC (3081/3082) and two LM324 op-amp comparators (6081/6082 and 6081/6085). The comparators drive BC327-40 PNP and BC337-40 NPN transistors. The motor coils are connected to the outputs of the transistors. The circuit is designed to provide four-quadrant operation, allowing the motor to run in both directions and to be braked.

The schematic diagram illustrates the control circuitry for a drawer motor. Key components and their connections include:

- Power Supply:** A +5VSTBY input is connected to the circuit. A 10μF capacitor (C1) is connected to the power supply.
- ULN2003 IC:** A ULN2003 IC (IC 3) is connected to the power supply and the motor control section.
- 78A00 IC:** A 78A00 IC (IC 1) is connected to the power supply and the motor control section.
- Transistors:** Transistors Q1 through Q11 are used for signal processing and motor control. Q1-Q4 are BC107, Q5-Q8 are BC108, Q9-Q11 are BC107.
- Diodes:** Diodes D1 through D5 are used for signal processing. D1-D4 are 1N4148, D5 is 1N4001.
- Capacitors:** Various capacitors (C1-C10) are used for timing and signal processing. C1 is 10μF, C2 is 100nF, C3 is 10μF, C4 is 10μF, C5 is 10μF, C6 is 10μF, C7 is 10μF, C8 is 10μF, C9 is 10μF, C10 is 10μF.
- SERIAL LINK:** A 4-pin connector is used for the serial link. The pins are labeled 1, 2, 3, and 4.
- Motor Control:** The motor control section includes a 4-pin connector and a motor. The motor is connected to the output of the circuit.